

Metal tube flowmeter with teflon lining

Model : F822

Spec. sheet no. FD08-15

Description

It has an excellent corrosion resistance by teflon lining in inner section.



Specification

Process connection

Flanged

Pressure rating

Max. 15 kgf/cm²

Size

15A ~ 100A

Temperature rating

Max. 120 °C

Material

304SS with teflon lining

Accuracy

±3.0 % of full scale

1. Base model

F822 Metal tube flowmeter with teflon lining

2. Flow direction type

D1 Bottom and top

3. Line size

JIS	mm	ANSI	inch	DIN	mm
J015	15A	A001	½B	D015	15A
J020	20A	A002	¾B	D020	20A
J025	25A	A003	1B	D025	25A
J040	40A	A004	1½B	D040	40A
J050	50A	A005	2B	D050	50A
J065	65A	A006	2½B	D065	65A
J080	80A	A007	3B	D080	80A
J100	100A	A008	4B	D100	100A
XXXX	Other				

4. Flange rating and connection type

J010 JIS 10K
A010 ANSI 150 Lb
P010 PN10
XXXX Other

5. Main material (See material table)

B Body material / 304SS
O Other

6. Indicator and contact

LC Local indicator
L1 Local indicator with 1-SPDT alarm
L2 Local indicator with 2-SPDT alarm
LS Local indicator with current output (4~20 mA.DC)
LP Local indicator with current output and pulse output
OH Other

7. Option

NO None

1	2	3	4	5	6	7
F822	D1	J015	J010	B	LC	NO

Sample ordering code

Flow chart

Size		H ₂ O flow rate (m ³ /h)	Ranges		Pressure loss (mmH ₂ O)	Dimension L (mm)
			Liquid (m ³ /h)	Air (m ³ /h)		
15A	½B	0.8 ~ 8	0.03 ~ 0.3 0.1 ~ 1	0.3 ~ 3 1.2 ~ 12	8	375
20A	¾B	0.12 ~ 1.2	0.08 ~ 0.8 0.15 ~ 1.5	0.8 ~ 8 1.5 ~ 15	8	375
25A	1B	0.25 ~ 2.5	0.15 ~ 1.5 0.35 ~ 3.5	1.5 ~ 15 3.5 ~ 35	7	375
32A	1¼B	0.45 ~ 4.5	0.3 ~ 3 0.6 ~ 6	3.5 ~ 35 6 ~ 60	6	375
40A	1½B	0.8 ~ 8	0.5 ~ 5 1 ~ 10	5 ~ 50 10 ~ 100	5	375
50A	2B	1.2 ~ 12	0.8 ~ 8 1.5 ~ 15	10 ~ 100 15 ~ 150	4	375

* When the size is larger than 65A, to be consulted with a maker

Material table

Part list	Material code
	B
Body	304SS + PTFE
Flange	304SS + PTFE
Float	304SS + PTFE
Taper tube	PTFE
Magnet rod	304SS (Alnico) + PTFE
Lower stopper	PTFE
Collar	PTFE
Guide	304SS + PTFE
Upper stopper	PTFE
Indicator	Aluminium
(Terminal box)	Aluminium

Dimension

